

EKI-5525S/M 系列

4+1x100FX 端口(单模/多模, SC/ST 接口) 工业级光电转换器



特性

- 通过 Modbus/TCP 与 SCADA 软件进行通讯
- 通过 SNMP 与 NMS (网络管理系统) 进行通讯
- 基于端口 QoS 使数据准确传输
- 40~85° C 运行温度范围 (仅限 EKI-5525SI/SI-ST, EKI-5525MI/MI-ST)
- 12~48 V_{DC} (8.4~52.8 V_{DC}) 宽电源输入范围
- EMS 极端户外环境三级保护
- IEEE 802.3 az 节能以太网 (EEE)
- 巨型帧支持 (高达 9,216 字节)
- 支持冗余 12~48 个直流电源输入和 P-Fail 继电器
- 循环检测

介绍

EKI-5525S/SI/S-ST/SI-ST 和 EKI-5525M/MI/M-ST/MI-ST 是世界上第一个融合过程控制和 IT 网络管理的交换机。本系列采用 Modbus/TCP 与 SCADA 软件进行通讯,同时 SNMP 与 NMS(网络管理系统)进行通信,从而允许控制工程师或 IT 完整读取控制设备。和基于端口的 QoS 的设备来确定数据的传输,允许优先级端口优先处理通过这些端口的流量,并在剩余端口上延迟不太需要的数据。EKI-5525S/SI/S-ST/SI-ST 和 EKI-5525M/MI/M-ST/MI-ST 交换机用高质量的组件,使温度的运行范围在 -40~85° C,并具有 EMS 三级保护。

规格

通讯

- 标准 IEEE 802.3i, 802.3u, 802.3x, 802.1p, 802.3az, 802.3ab
- LAN 10/100Base-T(X), 100Base-FX H323、SIP
- 传输距离 Ethernet: Up to 100 m
Multi-mode Fiber: Up to 2 km (EKI-5525M Series)
Single-mode Fiber: Up to 40 km (EKI-5525S Series)

光纤多模 (EKI-5525M/MI/M-ST/MI-ST)

Wavelength: 1310 nm
Tx Power: -14/-20 dBm
Rx Sensitivity: -32 dBm
Parameters: 50/125 um, 62.5/125 um

单模 (EKI-5525S/SI/S-ST/SI-ST)

Wavelength: 1310 nm
Tx Power: -8/-15 dBm
Rx Sensitivity: -34 dBm
Parameters: 9/125 um

传输速度

Up to 100 Mbps

接口

- 连接器 4 x RJ45 ports
1 x SC/ST type fiber optic connectors
6-pin screw Terminal Block (including relay)
- LED 指示灯 P1, P2, P-Fail, Loop detection
10/100T(X): Link/Activity, Speed

交换机属性

- MAC 表 2K
- 包缓冲区 1M bit
- 交换机电容 1 Gbps
- 包转发率 0.1488Mpps
- 交换延迟 <4.38µs

电源

- 功率消耗 Max 2.8W
- 电源输入 12~48 V_{DC} (8.4~52.8 V_{DC}), redundant dual inputs
- 故障输出 1 Relay Output
220AC/DC (adpater required)

机械

- 尺寸 (W x H x D) 27 x 120 x 84 mm
- 外壳 IP40, metal shell with solid mounting kits
- 安装 DIN-Rail, Wall

保护

- 反极性保护 Present
- 过载电流保护 Present

环境

- 操作温度 EKI-5525S/S-ST/M/M-ST: -10~60°C
EKI-5525SI/SI-ST/MI/MI-ST: -40~85°C
- 储存温度 -40~85°C
- 操作湿度 5%~95% (non-condensing)
- 储存湿度 5%~95% (non-condensing)
- MTBF 454,703 hours

认证

- 安全 IEC/EN60950, UL60950, UL508, Class 1 Division 2, ATEX
- EMI FCC Part 15 Subpart B Class A, EN 55011/55022 Class A
- EMS EN61000-4-2 (ESD) Level 3
EN61000-4-3 (RS) Level 3
EN61000-4-4 (EFT) Level 3
EN61000-4-5 (Surge) Level 3
EN61000-4-6 (CS) Level 3
EN61000-4-8 (Magnetic Field) Level 3
- 冲击 IEC 60068-2-27
- 自由下落 IEC 60068-2-32
- 振动 IEC 60068-2-6

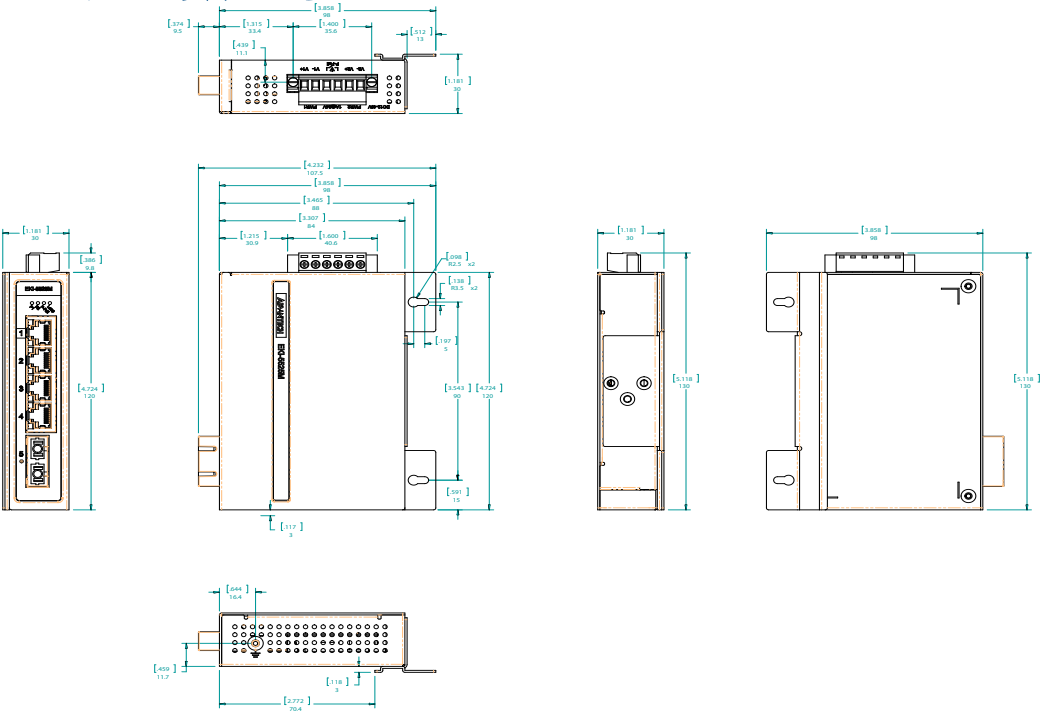
订购信息

- EKI-5525S 4-port + 1 x100FX port (Single-mode, SC type), Fast Ethernet ProView Switch
- EKI-5525SI 4-port + 1 x100FX port (Single-mode, SC type), Fast Ethernet ProView Switch with Wide Temperature
- EKI-5525M 4-port + 1 x100FX port (Multi-mode, SC type), Fast Ethernet ProView Switch
- EKI-5525MI 4-port + 1 x100FX port (Multi-mode, SC type), Fast Ethernet ProView Switch with Wide Temperature
- EKI-5525S-ST 4-port + 1 x100FX port (Single-mode, ST type), Fast Ethernet ProView Switch
- EKI-5525SI-ST 4-port + 1 x100FX port (Single-mode, ST type), Fast Ethernet ProView Switch with Wide Temperature
- EKI-5525M-ST 4-port + 1 x100FX port (Multi-mode, ST type), Fast Ethernet ProView Switch
- EKI-5525MI-ST 4-port + 1 x100FX port (Multi-mode, ST type), Fast Ethernet ProView Switch with Wide Temperature

EKI-5525S/M Series

EKI-5525M/MI 安装尺寸

Unit: mm [inch]



EKI-5525M-ST/MI-ST 安装尺寸

Unit: mm [inch]

